

# Circadian chemical screen assays with human cell lines and mice locomotor assays

Eric Erquan Zhang 鞠 大鹏 鞠

Updated date: May 15, 2020

An abbreviated version of this protocol was published in Science Translational Medicine in May 2020

Chemical perturbations reveal that RUVBL2 regulates the circadian phase in mammals

DOI: 10.1126/scitranslmed.aba0769

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protocol of chemical screen and locomotor assay.docx



**How to cite:** (Readers should cite both the Bio-protocol preprint and the original research article where this protocol was used)

1. Zhang, E. E. and 鞠, 大. (2020). Circadian chemical screen assays with human cell lines and mice locomotor assays. Bio-protocol Preprint. [bio-protocol.org/prep315](https://bio-protocol.org/prep315).
2. Ju, D., Zhang, W., Yan, J., Zhao, H., Li, W., Wang, J., Liao, M., Xu, Z., Wang, Z., Zhou, G., Mei, L., Hou, N., Ying, S., Cai, T., Chen, S., Xie, X., Lai, L., Tang, C., Park, N., Takahashi, J. S., Huang, N., Qi, X. and Zhang, E. E. (2020). Chemical perturbations reveal that RUVBL2 regulates the circadian phase in mammals . Science Translational Medicine 12(542). DOI: [10.1126/scitranslmed.aba0769](https://doi.org/10.1126/scitranslmed.aba0769)

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